

## STERNE, KESSLER, GOLDSTEIN &amp; FOX P.L.L.C.

ATTORNEYS AT LAW

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MAIL DATE DEC 05 2000 CANCELLED

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U.S. PATENT & TRADEMARK OFFICE  
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December 5, 2000

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WRITER'S DIRECT NUMBER:

(202) 371-2569

INTERNET ADDRESS:

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Technology Center 2100

Attn. Box Issue Fee  
Batch No. R88

*(Courtesy Copy of Filing Documents Delivered Via Hand-Carry to the Receptionist  
of Art Unit 2100 (located in Crystal Park 2, 2<sup>nd</sup> Floor) for Examiner L. Donaghue, Room 2R11.)*

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Allowed Utility Patent Application  
Appl. No. 09/223,046; Filed: December 30, 1998  
For: Method for Providing Extended Precision In SIMD Vector Arithmetic Operations  
Inventors: Hsu *et al.*  
Our Ref: 0056.10US

Sir:

In response to the Notice of Allowance and Issue Fee Due dated September 11, 2000, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. SKG&F Transmittal Letter (in duplicate);
2. PTO Fee Transmittal Form PTO/SB/17 (in duplicate);
3. Issue Fee Transmittal Form (PTOL-85B) (in duplicate);

Commissioner for Patents  
December 5, 2000  
Page 2

4. An Amendment Under 37 C.F.R. § 1.312;
5. A Request to Approve Proposed Drawing Corrections (with a copy of Figure 2 with proposed corrections shown in red, and copies of now submitted Figure 2);
6. Letter to PTO Draftsman: Submission of Formal Drawings;
7. Nine (9) sheets of formal drawings, approval of which is respectfully requested;
8. A return postcard; and
9. Our Check No. 29657 for \$1,270.00 to cover:  
\$1,240.00 for Issue Fee; and  
\$ 30.00 for Advance copies of patent.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
for Michael B. Ray 36,013  
Attorney for Applicants  
Registration No. 33,997

Enclosures

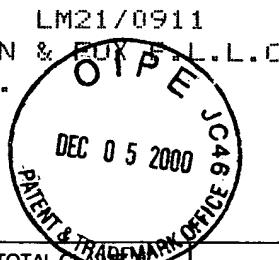
**PART B—ISSUE FEE TRANSMITTAL**

Complete and mail this form, together with applicable fees, to: Box ISSUE FEE  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Issue Fee Receipt, the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 NEW YORK AVENUE, N.W.  
SUITE 600  
WASHINGTON DC 20005-3934



Note: The certificate of mailing below can only be used for domestic mailings of the Issue Fee Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

**Certificate of Mailing**

I hereby certify that this Issue Fee Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/223,046	12/30/98	038	DONAGHUE, L	2783 09/11/00
First Named Applicant	HSU,	35 USC 154(b) term ext.	=	0 Days.

TITLE OF INVENTION METHOD FOR PROVIDING EXTENDED PRECISION IN SIMD VECTOR ARITHMETIC OPERATIONS

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
0 0056.10US.	712-222.000	R88	UTILITY	NO	\$1210.00	12/11/00

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Sterne, Kessler,  
Goldstein & Fox P.L.L.C.

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

MIPS Technologies, Inc.

(B) RESIDENCE: (CITY & STATE OR COUNTRY)

Mountain View, California

Please check the appropriate assignee category indicated below (will not be printed on the patent)

individual  corporation or other private group entity  government

4a. The following fees are enclosed (make check payable to Commissioner of Patents and Trademarks):

Issue Fee

Advance Order - # of Copies 10

4b. The following fees or deficiency in these fees should be charged to:

DEPOSIT ACCOUNT NUMBER 19-0036

(ENCLOSE AN EXTRA COPY OF THIS FORM)

Issue Fee

Advance Order - # of Copies 10

The COMMISSIONER OF PATENTS AND TRADEMARKS IS requested to apply the Issue Fee to the application identified above.

(Authorized Signature) 36,013

Michael B. Ray, Reg. No. 33,997

(Date) 12/5/00

NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

01/04/2001 AZERGAW2 00000159 09223046

01 FC:142

1240.00 DP

02 FC:561

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**TRANSMIT THIS FORM WITH FEE**

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# FEETRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$1,270.00)



## Complete if Known

Application Number	09/223,046
Filing Date	December 30, 1998
First Named Inventor	Hsu et al.
Examiner Name	Donaghue, L.
Group Art Unit	2154
Attorney Docket No.	0056.10US

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number **19-0036**  
Deposit Account Name **Sterne, Kessler, Goldstein & Fox P.L.L.C.**

Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other\*

\*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

## FEE CALCULATION (continued)

3. ADDITIONAL FEES  
Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	\$1,240.00
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	481	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify): Advance copies of patent.					
Other fee (specify):					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$ 1,270.00)					

\*\* or number previously paid, if greater; For Reissues, see above

SUBTOTAL (3) (\$ 1,270.00)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Michael B. Ray Attorney for Applicants	Registration No. (Attorney/Agent)	33,997	Telephone	202-371-2600
Signature	<i>Michael B. Ray</i> 12/5/00			Date	12/5/00

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

081.PTO/SKGF Rev. 11/13/00 mmac

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#29

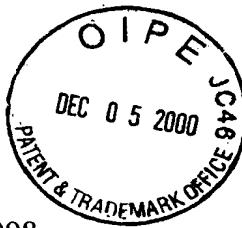
In re application of:

Hsu *et al.*

Appl. No. 09/223,046

Filed: December 30, 1998

For: **Method for Providing Extended  
Precision In SIMD Vector  
Arithmetic Operations**



Art Unit: 2154

Examiner: Donaghue, L.

Atty. Docket: 0056.10US

Batch No. R88

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**Request to Approve Proposed Drawing Correction**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached is a copy of 1 drawing sheet, containing a proposed correction to Figure 2, shown in red. The proposed change adds no new matter to this application. Applicants requests that the Examiner approve the proposed correction. Also submitted herewith are Formal Drawings, which correspond to the changes noted on the attached request.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Michael B. Ray  
Attorney for Applicants  
Registration No. 33,997

Date: 12/5/00

1100 New York Avenue, N.W., Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hsu *et al.*

Appl. No. 09/223,046

Filed: December 30, 1998

For: **Method for Providing Extended  
Precision In SIMD Vector  
Arithmetic Operations**

Art Unit: 2154

Examiner: Donaghue, L.

Atty. Docket: 0056.10US

**Batch No. R88**

**Letter to PTO Draftsman: Submission of Formal Drawings**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are nine (9) sheets of formal drawings with Figures 1-9, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this Letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
For Michael B. Ray 36,013  
Attorney for Applicants  
Registration No. 33,997

Date: 12/5/00

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